



AMENDMENT

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows:

In the Claims

1-27 (Cancelled)

28. (Currently amended) A DNA molecule, which can be amplified from a nucleic acid sample of corn comprising elite event GAT-ZM1, using a set of primers comprising a first and second primer, wherein the first primer ~~comprises~~ consists of a sequence of 15 to 30 nucleotides that is complementary to a sequence within SEQ ID NO:6 from position 1 to position 341, or the complement thereof, or that is complementary to a sequence within SEQ ID NO:10 from position 343 to position 484 or the complement thereof, and wherein the second primer ~~comprises~~ consists of a sequence of 15 to 30 nucleotides that is complementary to ~~foreign DNA present in GAT-ZM1~~ a sequence within SEQ ID NO:1 from position 412 to position 1746 or the complement thereof; and using PCR conditions with a thermocycling profile as follows:

- (i) 4 min at 95°C; followed by
- (ii) 1 min at 95°C, 1 min at 57°C, 2 min at 72°C for 5 cycles; followed by
- (iii) 30 seconds at 92°C, 30 seconds at 57°C, 1 min at 72°C for 25 cycles, followed by
- (iv) 5 minutes at 72°C.

29. (Currently amended) The DNA molecule of claim 28, wherein the first primer ~~is represented by~~ consists of the nucleotide sequence of SEQ ID NO:11, and wherein the second primer ~~is represented by~~ consists of the nucleotide sequence of SEQ ID NO:12.

30. (Currently amended) A DNA molecule, which can be amplified from a nucleic acid sample of corn using a set of primers comprising a first and second primer, wherein the first primer ~~comprises~~ consists of SEQ ID NO:11, and wherein the second primer ~~comprises~~ consists of SEQ ID NO:12 and using PCR conditions with a thermocycling profile as follows:

- (i) 4 min at 95°C; followed by
- (ii) 1 min at 95°C, 1 min at 57°C, 2 min at 72°C for 5 cycles; followed by
- (iii) 30 seconds at 92°C, 30 seconds at 57°C, 1 min at 72°C for 25 cycles, followed by
- (iv) 5 minutes at 72°C.

31. (Previously presented) A detection kit comprising the DNA of claim 28.

32-33. (Cancelled)

34. (Currently amended) The A DNA molecule, which can be amplified from a nucleic acid sample of corn comprising elite event GAT-ZM1, using a set of primers comprising a first and second primer, of claim 28 wherein said first primer comprises consists of a sequence of 15 to 30 nucleotides complementary to a sequence within SEQ ID NO:6 from position 1 to position 341 or the complement thereof, or wherein said first primer consists of a sequence of 15 to 30 nucleotides complementary to a sequence within SEQ ID NO:10 from position 343 to position 484 or the complement thereof, and said second primer comprises consists of a sequence of 15 to 30 nucleotides complementary to foreign DNA present in a sequence within SEQ ID NO:6 from position 342 to position 1041 or the complement thereof, or wherein said second primer consists of a sequence of 15 to 30 nucleotides complementary to a sequence within SEQ ID NO:10 from position 1 to position 342 or the complement thereof, and using PCR conditions with a thermocycling profile as follows:

- (i) 4 min at 95°C; followed by
- (ii) 1 min at 95°C, 1 min at 57°C, 2 min at 72°C for 5 cycles; followed by
- (iii) 30 seconds at 92°C, 30 seconds at 57°C, 1 min at 72°C for 25 cycles, followed by
- (iv) 5 minutes at 72°C respectively.